

FDI1318X

High Power, High Isolation

Features:

- * High Power
- * High Isolation
- * Low Insertion Loss
- * Low VSWR

Applications:

- * Wireless
- * Radar
- * Laboratory Test

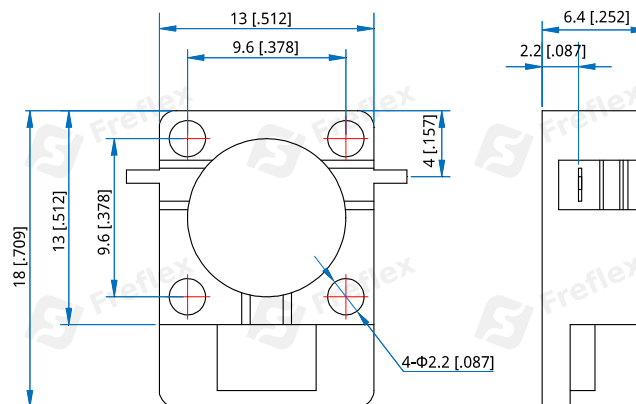
Description

FDI1318X series Drop-In Isolators cover frequency range 10500~11000MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

Specifications

Frequency (MHz)	Bandwidth (MHz)	Insertion Loss (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Fwd Power (W Max.)	Rev Power (W)	Temperature (°C)
10500~11000	500	0.40	20.0	1.25	100	100	-40~+85

Outline Drawings



Unit: mm [inch] Tolerance: $\pm 0.2\text{mm}$ [$\pm 0.008\text{in}$]

Mechanical

Size^{*1}: 13*18*6.4mm
0.512*0.709*0.252in
Connector Type: Strip line
Mounting: 4-Φ2.2mm through-hole

[1] Exclude connectors and terminations.

Direction Naming Rules:

- 1 - Clockwise
- 2 - Anticlockwise

How To Order

FDI1318X-V-W-X-Y-Z

V: Start frequency in MHz
W: Stop frequency in MHz
X: Forward Power in W
Y: Reverse Power in W
Z: Direction type

Examples:

To order a FDI1318X series Isolator, 10500~11000MHz, Forward power 100W, Reverse power 100W, Clockwise, specify FDI1318X-10500-11000-K1-K1-1.

Customization is available upon request.